

Team E4

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2. Abdullah Kazi.
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ROC 2021.

"We certify that this project was undertaken by us for the Roboanalyzer-based online competition (ROC),2021" ,a joint collaboration of Prof. S.K Saha of IIT Delhi and Mr. Rajeevlochan C.G. of Amrita Vishwa Vidyapeetham, Bengaluru Campus and Dr.Nayan M Kakoty of Tezpur University during April 30,2021 to 11th July,2021."

Aim: Using Virtual Robot Module (VRM) we need to draw or write:

1. Team Member's Name.

1. Any Shape.

1. Any artistic task or action.

PROCEDURE :

- AutoCAD, a designing and drafting software is used to sketch out the names and to trace the trajectories of different shapes.
- The sketch or the trajectory is then divided into numerous points namely (x,y,z) co-ordinates to be tabulated in an excel sheet using software commands.
- With further modification in data it is finally converted into a csv file to be run in VRM.

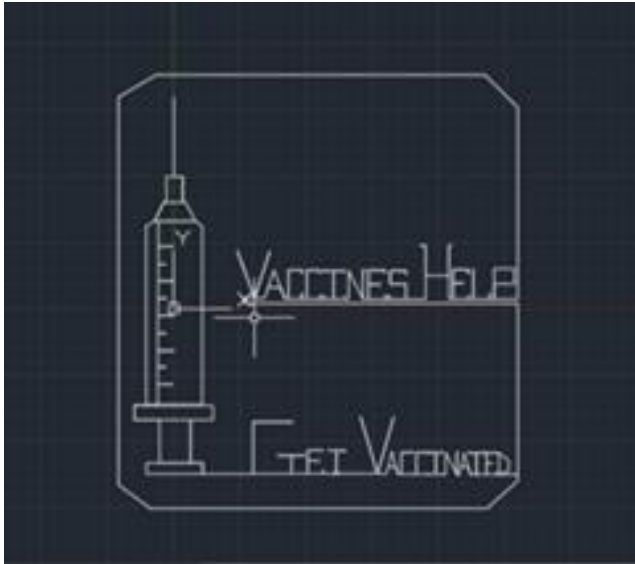
AutoCAD Workspace:

1. Team member's name:



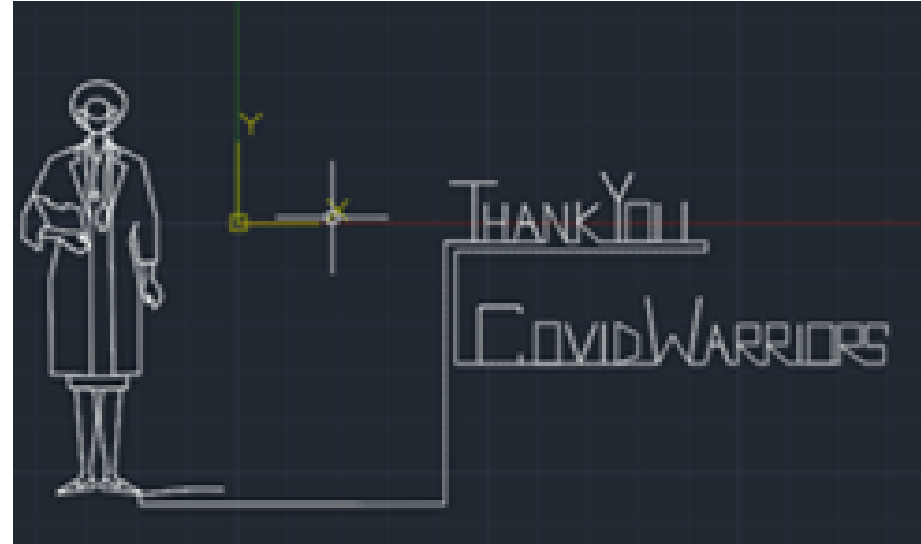
2.Any shape : Syringe.

- As a part of the second sub-task we have sketched a syringe using various 2D shapes like rectangle, trapezium, square.

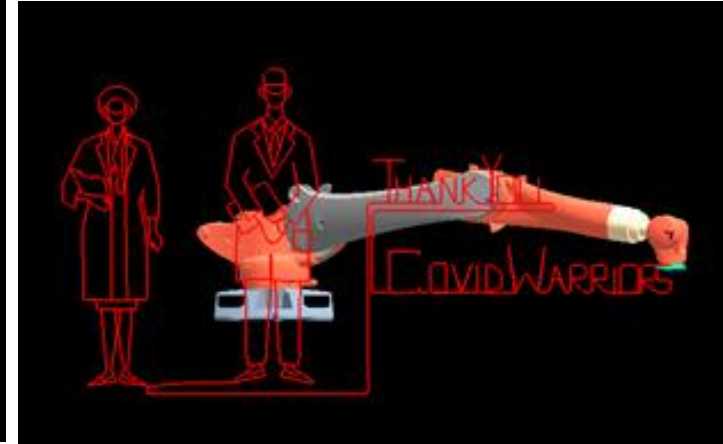
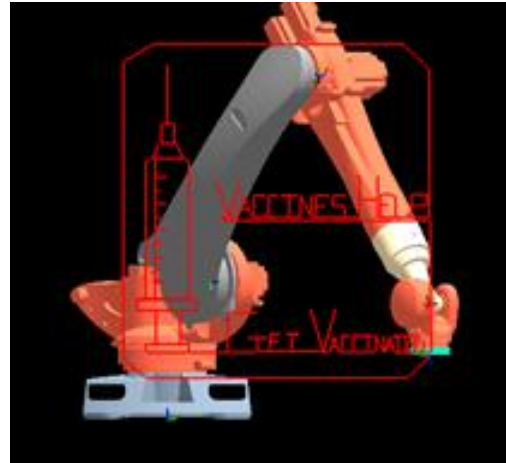


3.Artistic Task:

- For the third sub-task we have sketched frontline workers as a tribute for their selfless work in this pandemic.



Outputs from RoboAnalyzer VRM:



1. Team member's Name.
2. Shape: Syringe.
3. Artistic Task/Action.

THANK YOU.

